

Naval Surface Warfare Center (NSWC) Panama City (PC)

Environmental Impact Statement (EIS) and
Overseas Environmental Impact Statement (OEIS)



Scoping Meeting Brief



October 2004

Naval Surface Warfare Center (NSWC) Panama City (PC)

Environmental Impact Statement (EIS) and
Overseas Environmental Impact Statement (OEIS)



MODERATOR:
Lewis Michaelson



Welcome & Introduction



PURPOSE:

- Explain NSWCPC Mission Activities
- Discuss the EIS Process
- Identify Environmental Concerns and Issues

MEETING LAYOUT:

- Registration Area
- Staffed Exhibit Area
- Presentation and Oral Comment Area

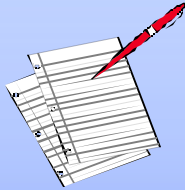
- 1. Overview of the NSW CPC Activities**
- 2. Review of the EIS Process & the Proposed Action**
- 3. Environmental Stewardship**
- 4. Public Comment Period**



- 1. Please Sign In at the Registration Table to Present Oral Comments**



- 2. Written Comments may be Turned in Tonight**



- 3. Transcripts of Tonight's Meeting are being Captured by a Court Reporter, as well as Audio Taped**

CDR Jeff Prater

**Executive Officer
Naval Surface Warfare Center
Panama City, FL**





Mission



Mine Warfare



*Provide research,
development, test
and evaluation, engineering
and Fleet support for*



**Expeditionary
Maneuver Warfare**



**Operations in
Extreme Environments**

- *Mine Warfare*
- *Expeditionary Maneuver Warfare*
- *Operations in Extreme Environments*
- *Naval Special Warfare*

And

- *Other Naval missions that take place in coastal regions*



**Naval
Special Warfare**





Mission

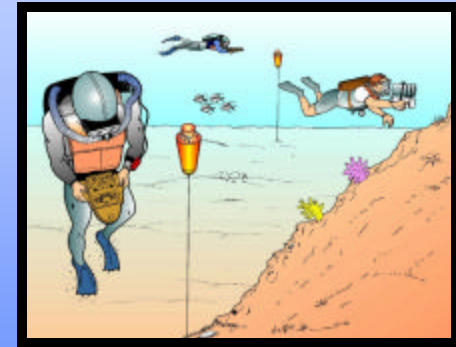


Mine Warfare

NSWCPC Maintains Expertise in Critical Technologies and Engineering Disciplines Used in the Mine Warfare Area to Include:



- Mine Classification and Identification
- MCM and Mine Tactics Development
- Threat Mine Modeling
- Electro-Optical Sensors and Image Processing
- Influence and Mechanical Sweep Systems
- Precise MCM Navigation Systems
- MCM Combat Systems/Trainers
- Explosive Ordnance Disposal (EOD)
- Live Ordnance Detonations



Expeditionary Warfare

NSWCPC is the National Authority on...

- Air Cushion Vehicle Technology and Application
- The Interface of Air Cushion Vehicles With the Navy's Amphibious Ships.



*Landing Craft,
Air Cushion*



*Amphibious
Ships*

We Provide Strong Amphibious Warfare Capabilities for the U.S. Marine Corps and Strategic Sealift Systems

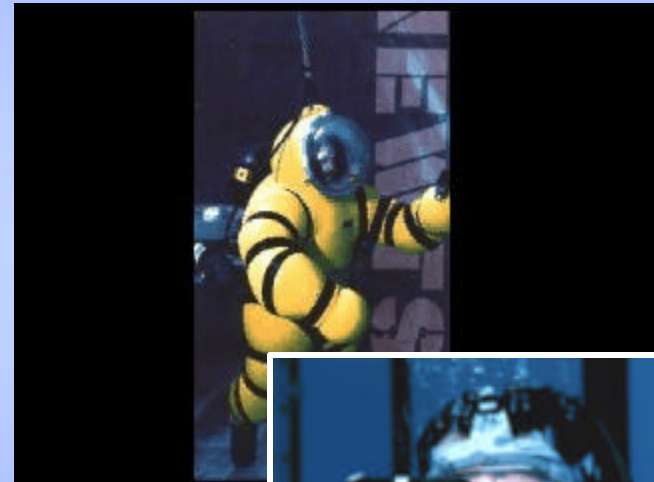
- Management
- Engineering
- Life Support
- Technical Direction
- Research

Operations in Extreme Environments

Many of Our Technologies and Techniques Have Been Successfully Applied to a Variety of Diving Disciplines



- EOD Diving
- Manned Diving
- Unmanned Vehicles
- Manned Submersibles
- Special Warfare Diving
- Salvage And Ship Husbandry
- Surface Life Support Systems



Naval Special Warfare

- Concept and Hardware Development
- Systems Engineering
- Acquisition Management
- Product Life-Cycle Sustainment Management
- Mission Analysis
- Training and Documentation
- Testing and Evaluation
- Human Factors Engineering





Naval Surface Warfare Center (NSWC) Panama City (PC)

Environmental Impact Statement (EIS)
Overseas Environmental Impact Statement (OEIS)



NSWCPC EIS



Why Are We Preparing an EIS?



1. Even though future missions are similar, we are taking a new approach that is better!
2. Current RDT&E activities receive environmental review & compliance on a case by case basis.
3. The EIS will best provide for the future by providing:
 - *Cumulative Impacts Assessment, which*
 - *Equates to Better Environmental Stewardship & Management*

WE LIVE HERE TOO!!

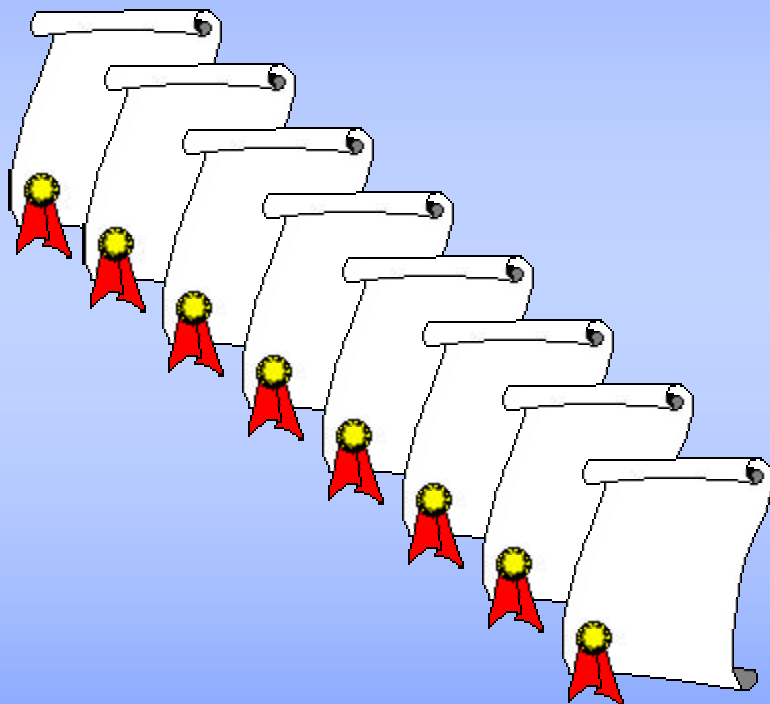


NSWCPC EIS



Process

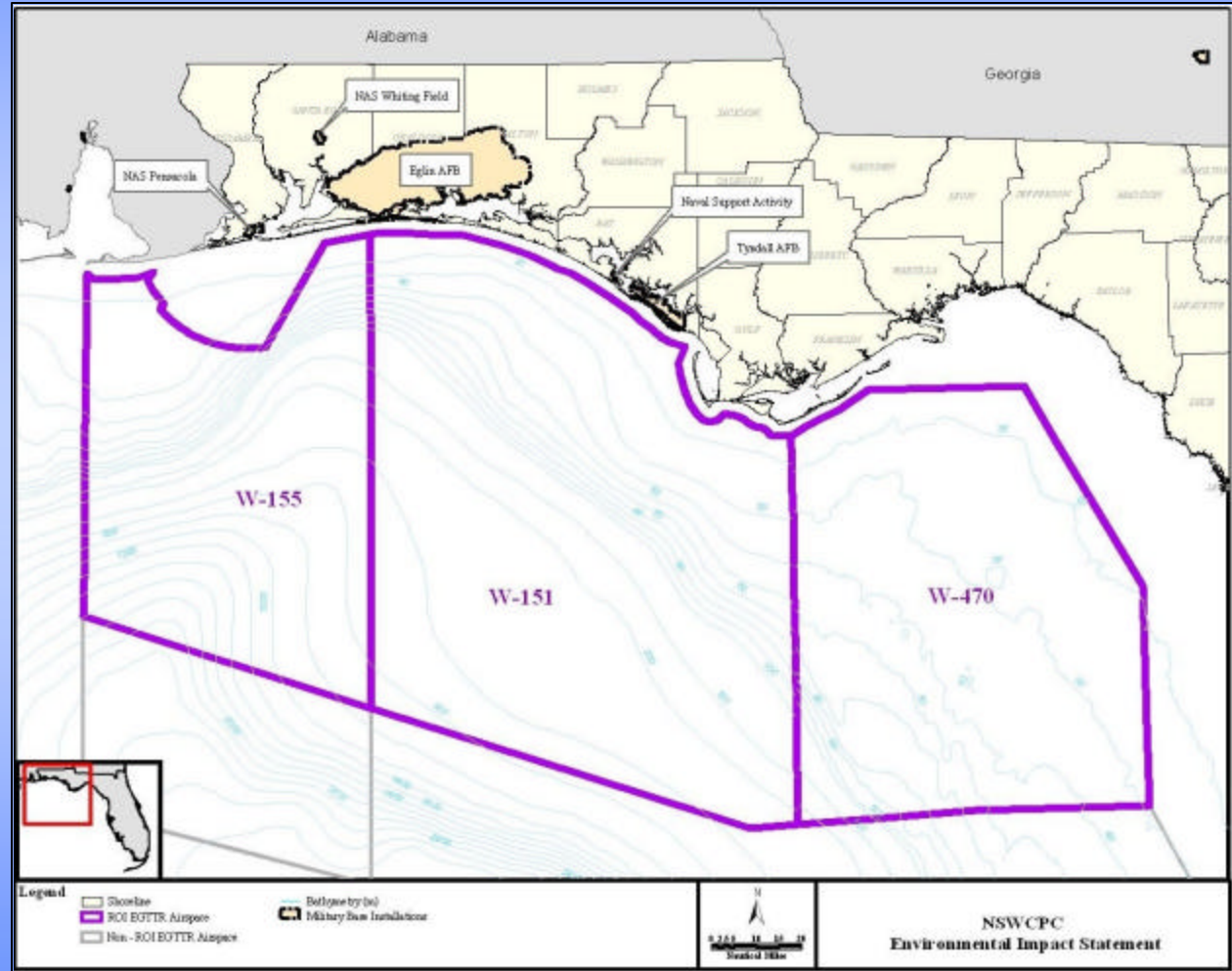
Critical Processes and Estimated Timelines



Notice of Intent	Aug '04
Scoping Meetings	Oct '04
Draft EIS	Jun '05
Public Hearings	Jul '05
Final EIS	Nov '05
Record of Decision	Dec '05

Study Area

- In-Water Areas Only
(No Land)
- Gulf Areas:
W-151, 470 & 155
- Surf / Littoral Zones
- St. Andrew Bay





NSWCPC EIS



NEPA Process

No Action Alternative:

- *Historic & Current Activities Only*

Action Alternative #1:

- *No Action Alternative + Future Identified Requirements*
- *Future Requirements = Some New Activities & Increased Tempo*

Action Alternative #2:

- *Alternative #1 + Increased Tempo*
- *Increased Tempo = A "Notional" 15% Increase*

Description of Proposed Action

The **Proposed Action** is to:

- Continue with RDT & E activities with an increased tempo,
- Within three primary operating areas (W-155, W-151 and W-470) and within St. Andrew Bay.

Mission Operations:

- Air Operation Capabilities
- Surface Operation Capabilities
- Subsurface Operation Capabilities
- Laser Capability
- Sonar Capability
- Electromagnetic Capability
- Live Ordnance Capability



No Action Alternative

- *Historic & Current Activities Only*

Activity	No Action Alternative
Air Operations	416 hrs/yr
Surface Operations	2,279 hrs/yr
Subsurface Operations	176 hrs/yr
<i>Mine Like Objects (MLOs)</i>	266 MLOs/yr
Sonar	410 hrs/yr
Laser	244 hrs/yr
Electromagnetic	155 hrs/yr
Detonations	3 dets/yr
<i>Projectiles</i>	50 rnds/yr
<i>Line Charges</i>	1 line/yr

Note: dets = detonations; rnds = rounds

Action Alternative #1

- *No Action Alternative + Future Identified Requirements*
- *Future Requirements = Some New Activities & Increased Tempo*

Activity	Alternative #1
Air Operations	444 hrs/yr
Surface Operations	2,408 hrs/yr
Subsurface Operations	539 hrs/yr
<i>Mine Like Objects (MLOs)</i>	322 MLOs/yr
Sonar	625 hrs/yr
Laser	351 hrs/yr
Electromagnetic	245 hrs/yr
Detonations	23 dets/yr
<i>Projectiles</i>	3,674 rnds/yr
<i>Line Charges</i>	2 lines/yr

Note: dets = detonations; rnds = rounds

Action Alternative #2

- *Alternative #1 + Increased Tempo*
- *Increased Tempo = A “Notional” 15% Increase*

Activity	Alternative #2
Air Operations	511 hrs/yr
Surface Operations	2,769 hrs/yr
Subsurface Operations	620 hrs/yr
<i>Mine Like Objects (MLOs)</i>	370 MLOs/yr
Sonar	719 hrs/yr
Laser	405 hrs/yr
Electromagnetic	281 hrs/yr
Detonations	26 dets/yr
<i>Projectiles</i>	4,226 rnds/yr
<i>Line Charges</i>	3 lines/yr

Note: dets = detonations; rnds = rounds



NSWCPC EIS



Scoping Topics

- Air and Water Quality
- Archaeological & Cultural Resources
- Biological Resources
- Hazardous Materials & Waste
- Marine Mammals
- Marine & Migratory Birds
- Noise
- Public Health & Safety
- Socioeconomic Resources
- Threatened and Endangered Species





**Environmental Team Lead
Naval Surface Warfare Center
Panama City, FL**

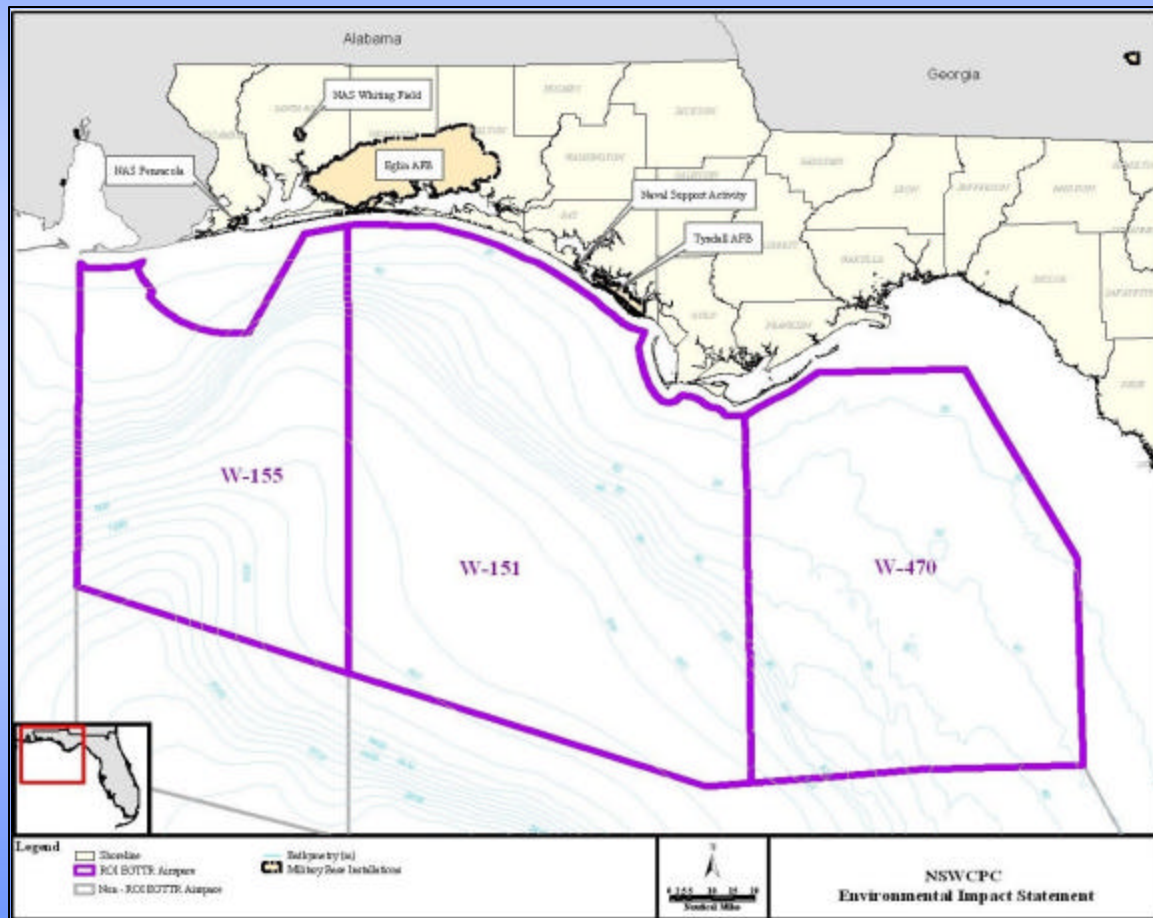


Environmental Stewardship



EIS / OEIS Study Area

- **Protected Marine Species**
 - *Marine Mammals*
 - *Sea Turtles*
 - *Gulf Sturgeon*
- **Marine Protected Areas**
 - *Marine Sanctuaries*
 - *Aquatic Preserves*
- **Essential Fish Habitats**
 - *Fishes*
 - *Shellfishes*
- **Cultural Resources**
 - *Marine Archeology*
 - *Ship Wrecks*



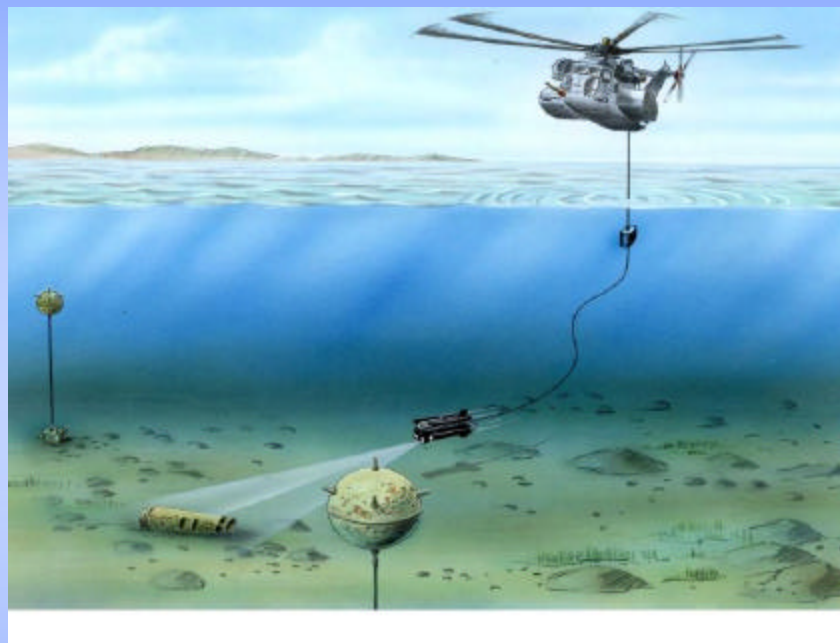
Airborne Mine Neutralization System

Mitigation Example

1. Conduct Pre-Mission Surveys for Protected Marine Species



2. Surveys Conducted from the Air and Sea



3. If No Protected Species are Sighted, then Mission is a Go!



5. Conduct Post-Mission Surveys for Protected Marine Species



4. Surveying & Monitoring throughout the Mission Duration & Completion



Environmental Stewardship



- **Currently we perform Environmental Reviews on a Case by Case basis**
- **We've done a good job so far.....**
 - *Analysis*
 - *Monitoring,*
 - *Feedback*
- **We work closely with local, regional, and headquarter Agencies**
 - *USFWS*
 - *NMFS*
 - *FDEP*
 - *USACE*
- **We recognize that there is room to improve, that's why we are:**
 - *Developing an EIS*
 - *Implementing an Operations Management Plan*
 - *Improving the Environmental Review Process*
 - *Monitoring effects*
- **The EIS will best provide for the future by:**
 - *Providing a Cumulative Impact Assessment of our Actions, which will*
 - *Equate to Better Environmental Stewardship & Management*

Administrative Points



Oral Comments



Oral Comment Time

Administrative Points

Oral Comments



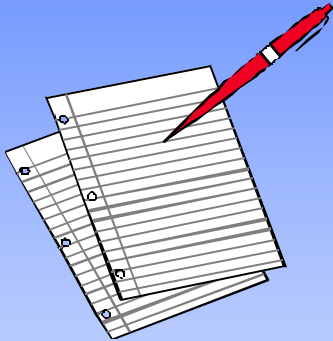
- Please sign in at the registration table
- You will have 4 minutes to offer your oral comments
- This meeting is being recorded, both on audio tape and by a court reporter to ensure an accurate and complete record of your comments

4 Min



Administrative Points

Written Comments



Your Options Are:

1. Hand in prepared written comments tonight,
2. Use written comment sheets provided tonight and turn them in, and/or
3. Mail in written comments for receipt by 06 November 2004

**Commanding Officer; Naval Surface Warfare Center Panama City
Attn: Environmental Team Lead, Mrs. Carmen Ferrer
110 Vernon Avenue, Panama City, FL 32407-7001
Telephone (850) 609-3457; E-Mail: carmen.ferrer@navy.mil**



Administrative Points

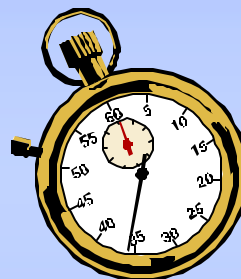


Additional Information

- 1. Information available for review at public libraries**
- 2. Available on NSWCPC EIS home page**
- 3. To receive future copies of the Draft EIS, please register and/or check availability on the website**

www.ncsc.navy.mil/environmentinfo/default.htm

5 Minute Break



**Collating Sign-Up Cards
for Oral Public Presentations**



Mission



*Provide research, development, test,
and evaluation, engineering and Fleet support for:*

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 - *Naval Special Warfare*
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